

Substitute for Form PTO-1390 <b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER <b>1034232-000038</b> U.S. APPLICATION NO. (Known see 37 CFR 1.5) <b>10/578912</b>
INTERNATIONAL APPLICATION NO. PCT/JP2004/016573	INTERNATIONAL FILING DATE 09 Nov 2004	PRIORITY DATE CLAIMED 11 Nov 2003	
TITLE OF INVENTION <b>PROCESS FOR PRODUCING PENTOSE-5-PHOSPHATE ESTER</b>			
APPLICANT(S) FOR DO/EO/US <b>Keiichiro KAI, Hitoki MIYAKE and Toshihiro OIKAWA</b>			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission to items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))</p> <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>			
Items 11 to 21 below concern document(s) or information included:			
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: <u>Application Data Sheet; General Authorization for Petitions for Extensions of Time and Fees; Forms PCT/IB/304 and 308</u></p>			

U.S. APPLICATION NO. <b>10/578912</b> INTERNATIONAL APPLICATION NO. PCT/JP2004/016573		ATTORNEY'S DOCKET NUMBER 1034232-000038																																																															
<p>21. <input checked="" type="checkbox"/> Applicant(s) requests that the published application include the following assignment information: <u>MITSUI CHEMICALS, INC., Tokyo, Japan</u></p> <hr/> <hr/> <hr/> <hr/>		<b>CALCULATIONS PTO USE ONLY</b>																																																															
<p>22. <input checked="" type="checkbox"/> The following fees are submitted:</p> <table border="1"> <tr> <td colspan="2">Basic Filing Fee (1631)</td> <td>\$ 300.00</td> </tr> <tr> <td colspan="2">Surcharge of <b>\$130.00 (1617)</b> for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).</td> <td><input type="checkbox"/> 20 <input type="checkbox"/> 30</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> </tr> <tr> <td>Total Claims</td> <td>8</td> <td>-20 = 0</td> </tr> <tr> <td>Independent Claims</td> <td>1</td> <td>-3 = 0</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360.00 (1616)</td> </tr> <tr> <td colspan="2">Examination Fee</td> <td>+ \$200.00 (1633)</td> </tr> <tr> <td colspan="2">Search Fee</td> <td>+ \$400.00 (1632)</td> </tr> <tr> <td colspan="2">App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)</td> <td></td> </tr> <tr> <td colspan="2"></td> <td><b>TOTAL OF ABOVE CALCULATIONS</b></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td> <td>+ \$ 0.00</td> </tr> <tr> <td colspan="2"></td> <td><b>SUBTOTAL</b></td> </tr> <tr> <td colspan="2">Processing fee of <b>\$130.00 (1618)</b> for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td><input type="checkbox"/> 20 <input type="checkbox"/> 30</td> </tr> <tr> <td colspan="2"></td> <td>\$ 900.00</td> </tr> <tr> <td colspan="2"></td> <td>\$ 0.00</td> </tr> <tr> <td colspan="2"></td> <td><b>TOTAL NATIONAL FEE</b></td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00 (8021)</b> per property</td> <td>+ \$ 40.00</td> </tr> <tr> <td colspan="2"></td> <td><b>TOTAL FEES ENCLOSED</b></td> </tr> <tr> <td colspan="2"></td> <td>\$ 940.00</td> </tr> <tr> <td colspan="2"></td> <td><b>Amount to be refunded :</b></td> </tr> <tr> <td colspan="2"></td> <td>charged : -</td> </tr> </table>		Basic Filing Fee (1631)		\$ 300.00	Surcharge of <b>\$130.00 (1617)</b> for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).		<input type="checkbox"/> 20 <input type="checkbox"/> 30	CLAIMS	NUMBER FILED	NUMBER EXTRA	Total Claims	8	-20 = 0	Independent Claims	1	-3 = 0	MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360.00 (1616)	Examination Fee		+ \$200.00 (1633)	Search Fee		+ \$400.00 (1632)	App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)					<b>TOTAL OF ABOVE CALCULATIONS</b>	<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		+ \$ 0.00			<b>SUBTOTAL</b>	Processing fee of <b>\$130.00 (1618)</b> for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).		<input type="checkbox"/> 20 <input type="checkbox"/> 30			\$ 900.00			\$ 0.00			<b>TOTAL NATIONAL FEE</b>	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00 (8021)</b> per property		+ \$ 40.00			<b>TOTAL FEES ENCLOSED</b>			\$ 940.00			<b>Amount to be refunded :</b>			charged : -	
Basic Filing Fee (1631)		\$ 300.00																																																															
Surcharge of <b>\$130.00 (1617)</b> for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).		<input type="checkbox"/> 20 <input type="checkbox"/> 30																																																															
CLAIMS	NUMBER FILED	NUMBER EXTRA																																																															
Total Claims	8	-20 = 0																																																															
Independent Claims	1	-3 = 0																																																															
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360.00 (1616)																																																															
Examination Fee		+ \$200.00 (1633)																																																															
Search Fee		+ \$400.00 (1632)																																																															
App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)																																																																	
		<b>TOTAL OF ABOVE CALCULATIONS</b>																																																															
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		+ \$ 0.00																																																															
		<b>SUBTOTAL</b>																																																															
Processing fee of <b>\$130.00 (1618)</b> for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).		<input type="checkbox"/> 20 <input type="checkbox"/> 30																																																															
		\$ 900.00																																																															
		\$ 0.00																																																															
		<b>TOTAL NATIONAL FEE</b>																																																															
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00 (8021)</b> per property		+ \$ 40.00																																																															
		<b>TOTAL FEES ENCLOSED</b>																																																															
		\$ 940.00																																																															
		<b>Amount to be refunded :</b>																																																															
		charged : -																																																															
<p>a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>02-4800</u> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-4800</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Charge <u>\$ 940.00</u> to credit card. Form PTO-2038 is attached.</p>																																																																	
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>																																																																	
<p>SEND ALL CORRESPONDENCE TO:</p> <p>Buchanan Ingersoll PC Including attorneys from Burns, Doane, Swecker &amp; Mathis P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620</p>		 <b>SIGNATURE</b> <hr/> <p>Robert G. Mukai</p> <hr/> <b>NAME</b> <hr/> <p>28,531</p> <hr/> <p>REGISTRATION NO.</p>																																																															
		<b>May 9, 2006</b>																																																															
		<b>DATE</b>																																																															